

FIG. 1

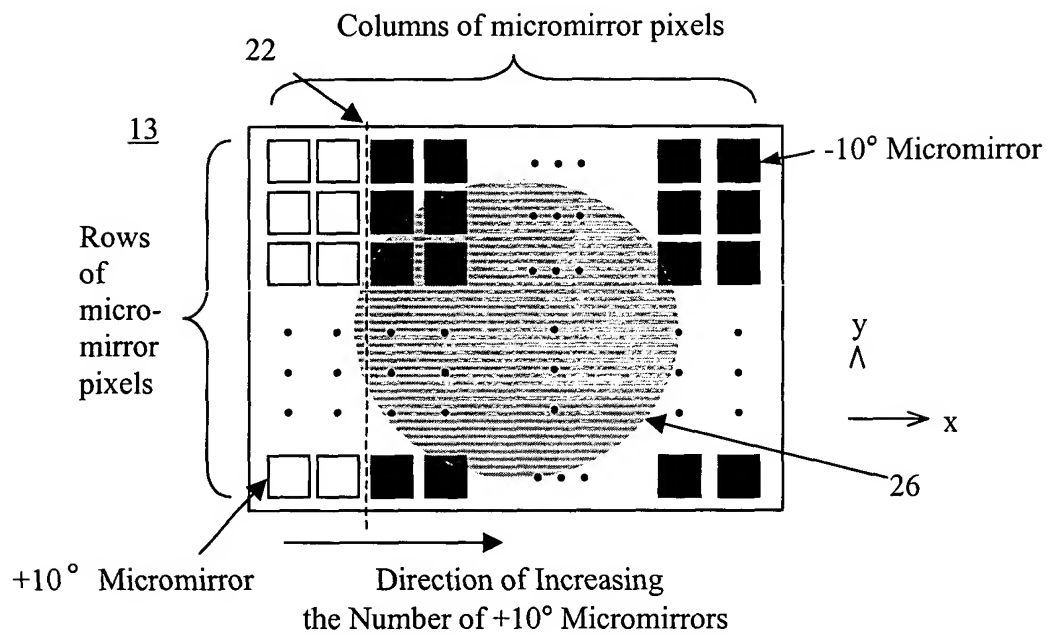


FIG. 2A

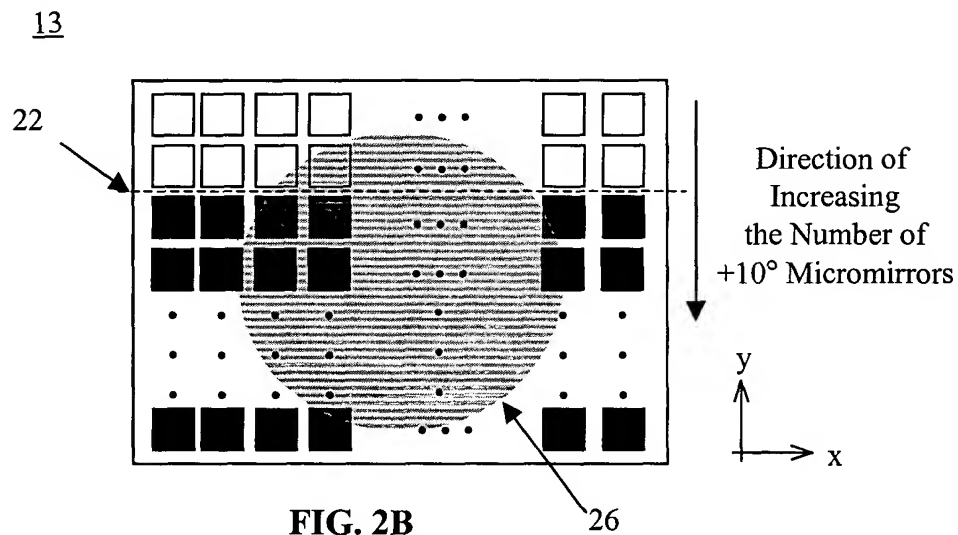


FIG. 2B

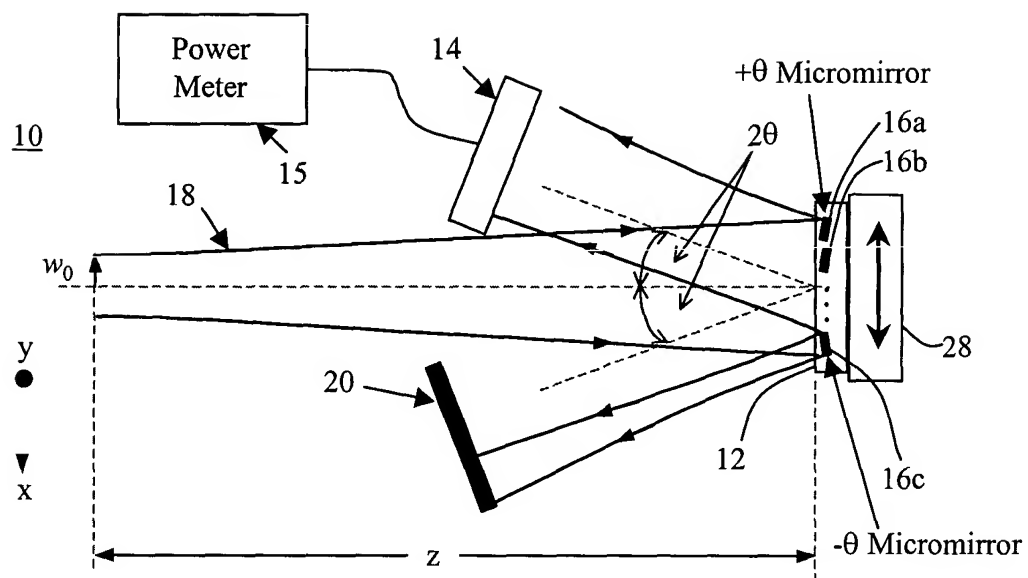


Fig. 3

Figure 1 is a schematic diagram of a DMD-based optical system. It shows a series of DMDs (16) arranged vertically. An input plane (30) is on the left, and an output plane (32) is on the right. The distance between the input and output planes is labeled dy . The horizontal distance between the input and output planes is labeled dx . The vertical distance between the input and output planes is labeled $(n-1)dx$. A coordinate system (34) is shown with x and y axes. The DMDs are labeled "DMD" and "Pixels". An "Optical Beam" is shown passing through the DMDs.

Optical Beam

DMD

A 2D Cartesian coordinate system with a horizontal x-axis and a vertical y-axis. Both axes have arrows at their ends. The x-axis is labeled 'x' at its tip, and the y-axis is labeled 'y' at its tip. The origin is the point where the two axes intersect.

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Fig. 5

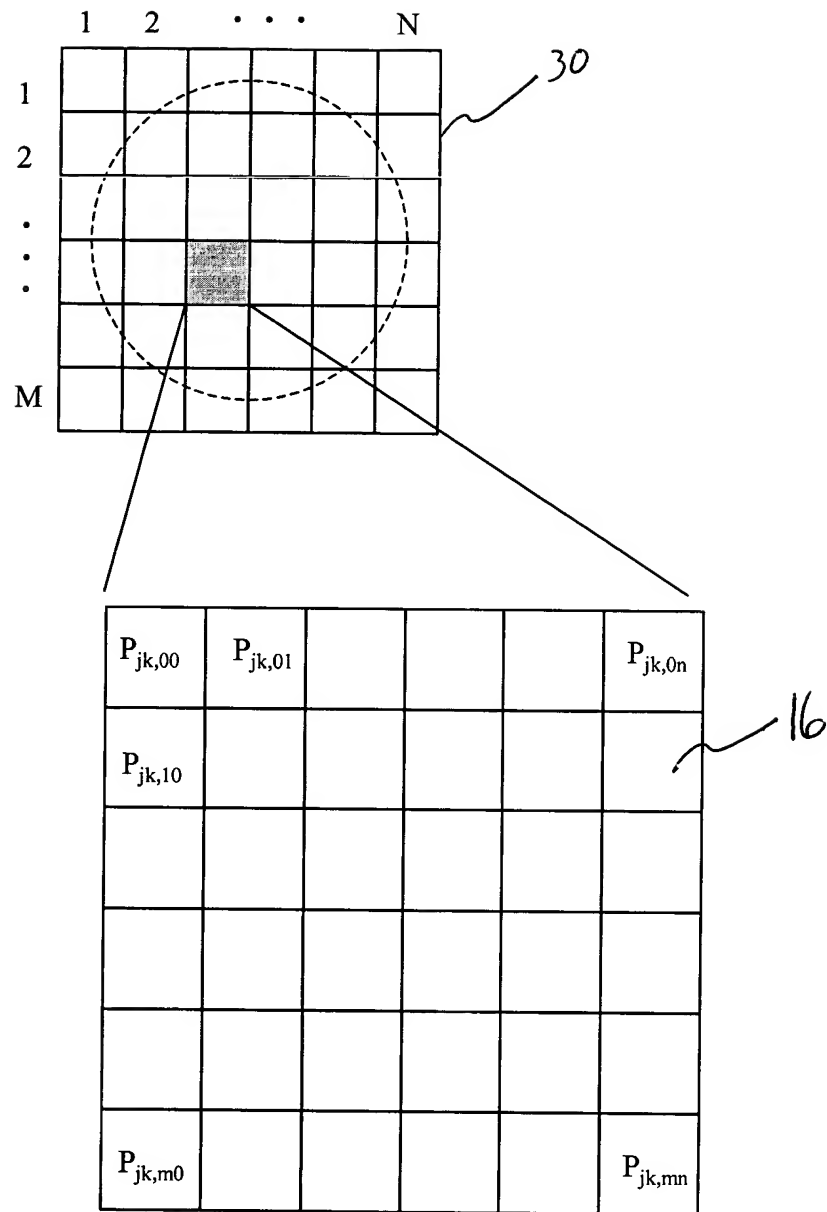
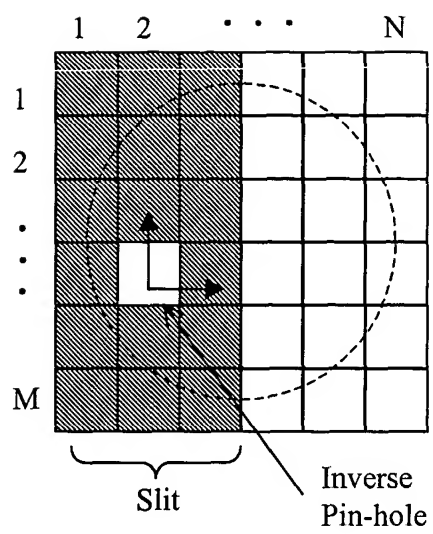


Fig. 6



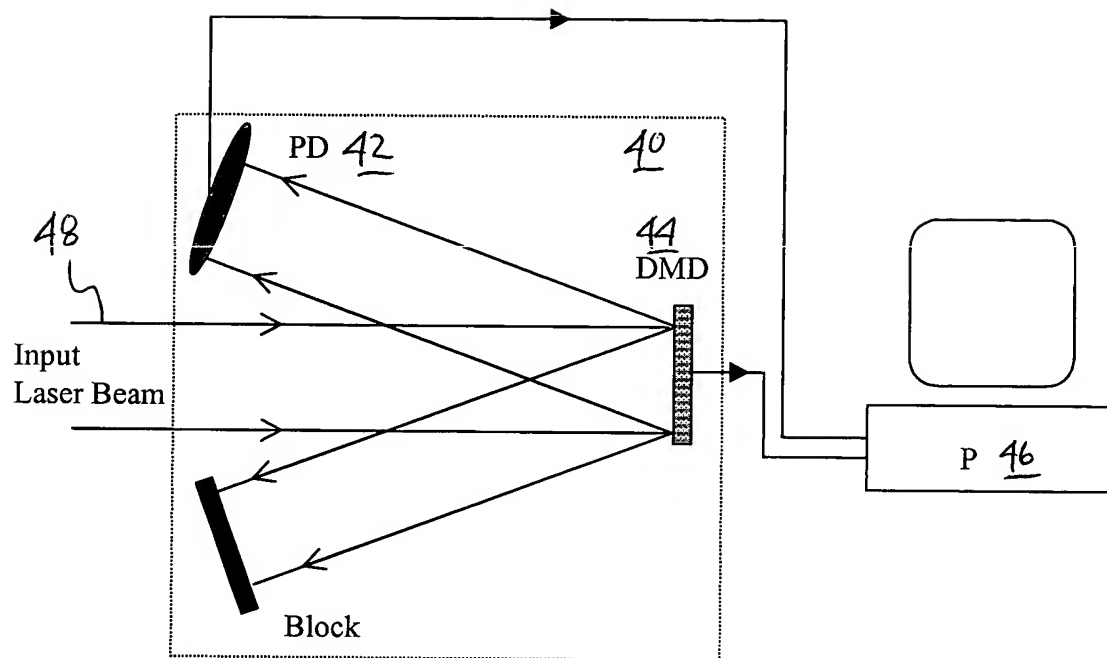
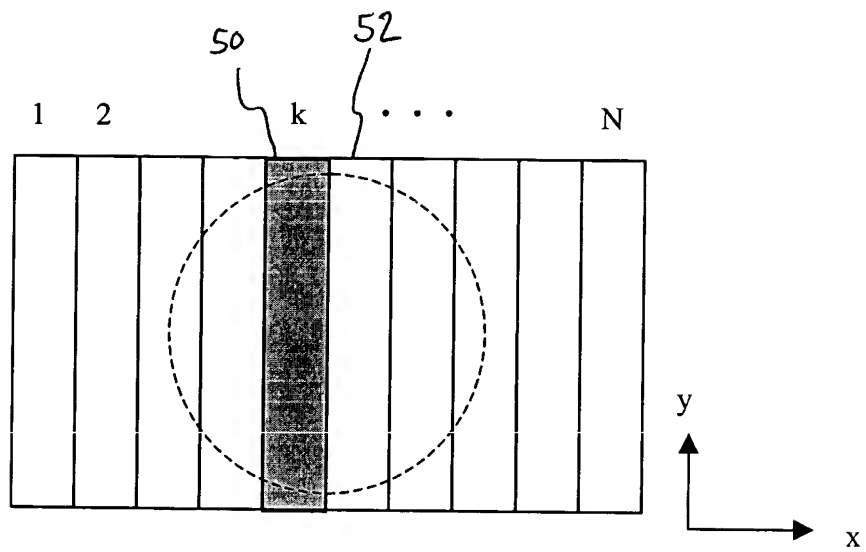
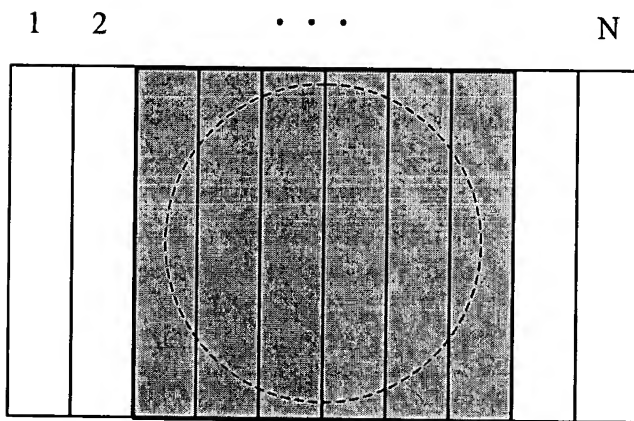


Fig. 7



A.



B.

Fig. 8 (A-B)

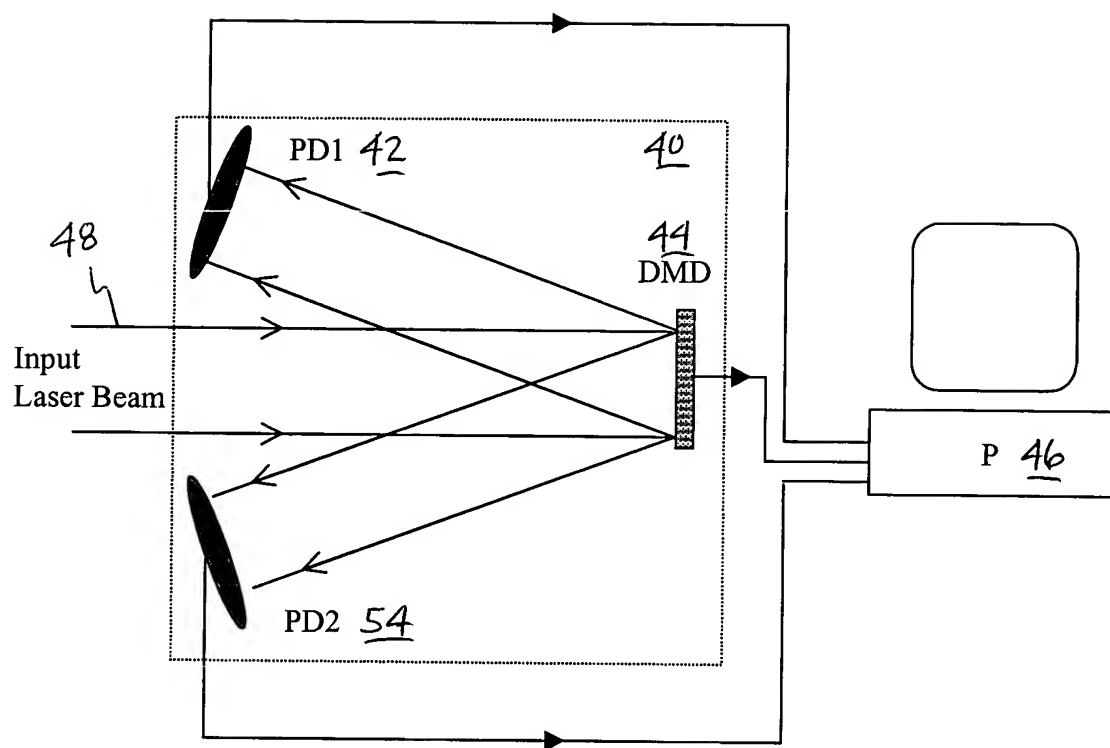


Fig. 9

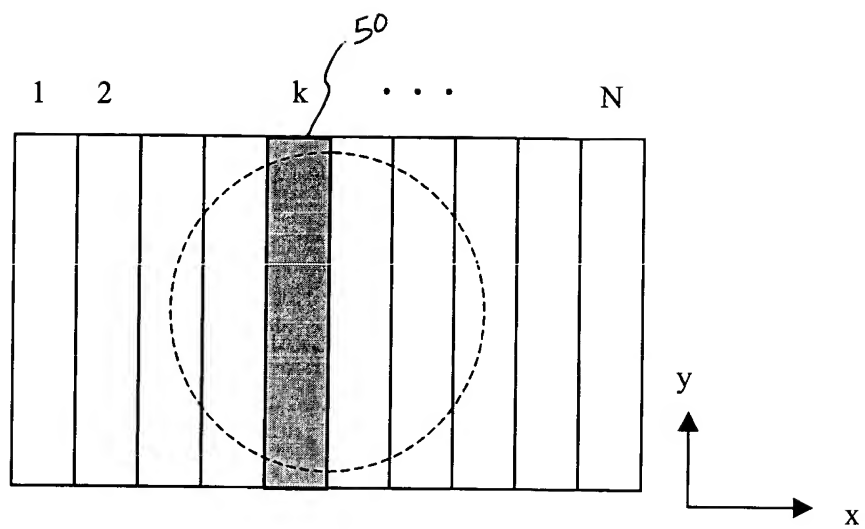


Fig. 10